

**FT $\beta$  rabbit pAb****Cat#: orb768218 (Manual)**

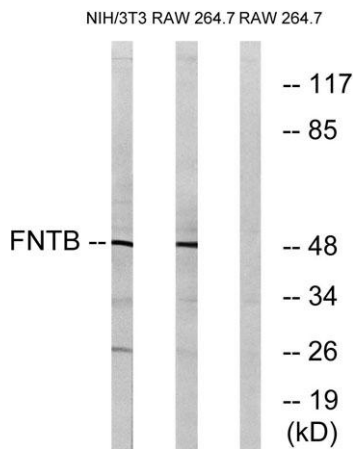
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<b>Product Name</b>	FT $\beta$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FNTB. AA range:255-304
<b>Specificity</b>	FT $\beta$ Polyclonal Antibody detects endogenous levels of FT $\beta$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Protein farnesyltransferase subunit beta
<b>Gene Name</b>	FNTB
<b>Cellular localization</b>	cytosol,microtubule associated complex,protein farnesyltransferase complex,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	49kD
<b>Human Gene ID</b>	2342
<b>Human Swiss-Prot Number</b>	P49356
<b>Alternative Names</b>	FNTB; Protein farnesyltransferase subunit beta; FTase-beta; CAAX farnesyltransferase subunit beta; Ras proteins prenyltransferase subunit beta

**Background**

catalytic activity:Farnesyl diphosphate + protein-cysteine = S-farnesyl protein + diphosphate.,cofactor: Binds 1 zinc ion per subunit.,function:Catalyzes the transfer of a farnesyl moiety from farnesyl pyrophosphate to a cysteine at the fourth position from the C-terminus of several proteins. The beta subunit is responsible for peptide-binding.,similarity: Belongs to the protein prenyltransferase subunit beta family.,similarity: Contains 5 PFTB repeats.,subunit: Heterodimer of an alpha and a beta subunit.,



**Western blot analysis of lysates from RAW264.7 and NIH/3T3 cells, using FNTB Antibody. The lane on the right is blocked with the synthesized peptide.**